

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION**

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February 3, 2004

FROM: KEN A. MILLER, Director
Department of Public Works- **Solid Waste Management Division**

**SUBJECT: CONTRACT FOR THE PREPARATION OF PHASE 3 FINAL CLOSURE
CONSTRUCTION DOCUMENTS FOR THE MILLIKEN SANITARY LANDFILL**

RECOMMENDATION: Award a \$442,579 consultant contract to Bryan A. Stirrat & Associates for the preparation of the Phase 3 Final Closure Construction Documents for the Milliken Sanitary Landfill.

BACKGROUND INFORMATION: The Milliken Sanitary Landfill (MSL) is an inactive Class III landfill located at 2050 South Milliken Avenue, approximately 1 mile west of Interstate 15 and 1.2 miles southeast of the Ontario International Airport, in the City of Ontario, County of San Bernardino. The site consists of 196 acres, of which 140 acres comprise the landfill's footprint. Landfilling operations began in 1956, and continued until operations ceased on March 6, 1999.

Due to the large size of the MSL's permitted footprint, closure construction was divided into three construction phases. Phase 1, which was completed in the Spring of 1997, consisted of the closure construction of the 23-acre East Mound with a 6-foot thick monolithic alternative cover system. Phase 2, which was completed in the fall of 1997, consisted of the closure construction of the North and East faces of the main mound with a 6-foot thick monolithic alternative cover system. Phase 3 Final Closure Construction, will consist of placing a 4-foot thick monolithic alternative soil cover over the remaining approximately 75 acres, which includes the South and West faces and the top deck. Closure construction will also include improvements to the existing landfill gas extraction and collection system, final drainage improvements, and the installation of moisture monitoring probes.

On November 25, 2003 the Solid Waste Management Division (SWMD) issued a Request for Proposals to select a consultant for the design of Phase 3 Final Closure Construction Documents for the Milliken Sanitary Landfill. A Request for Proposals (RFP) was sent to 23 interested firms resulting in two (2) firms submitting proposals. A Consultant Selection Committee was assembled to review the proposals, interview the firms, and select a firm based on experience, qualifications, and project approach. The Committee was composed of representatives from SWMD and the Transportation Division of the Department of Public Works. The firms who submitted proposals were: Bryan A. Stirrat & Associates (BAS) from Diamond Bar; and Vector Engineering from Grass Valley, California. After reviewing the proposals and interviewing the firms, the Selection Committee ranked BAS over Vector Engineering, based on their technical approach to the scope of services and experience with projects of similar nature and scope. After the rankings, the cost proposals were unsealed. BAS submitted a cost of \$487,665; and Vector Engineering submitted a cost of \$552,003.

After selecting BAS, contract negotiations were conducted to determine a fair and reasonable cost for the scope of services. SWMD staff and BAS representatives agreed to a cost of \$442,579.

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CONTRACT FOR THE PREPARATION OF PHASE 3 FINAL CLOSURE CONSTRUCTION DOCUMENTS FOR THE MILLIKEN SANITARY LANDFILL

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This contract provides for BAS to prepare all construction documents for the Phase 3 Final Closure Construction project, and to perform Construction Quality Assurance services, and provide engineering support during construction. The contract will commence on February 3, 2004 and continue through the completion of project construction.

REVIEW AND APPROVAL BY OTHERS: This item has been reviewed by Deputy County Counsel Chuck Scolastico (387-5481) on January 21, 2004 and the County Administrative Office (Tom Forster, Administrative Analyst, 387-4635) on January 25, 2004.

FINANCIAL IMPACT: The cost of this project is \$442,579 and will be funded as follows: Funds in the amount of \$442,579 are contained in the SWMD's Fiscal Year 2003/2004 Budget – Fund: EAB Dept:SWM Org:SWM Appr:200 Obj:2445.

COST REDUCTION REVIEW: The County Administrative Office has reviewed this agenda item and concurs with the department's proposal and recommends this action based on the following: Upon cessation of operations of a Class III Municipal Landfill Solid Waste Facility, Title 27 of the California Code of Regulations (CCR) requires the landfill receive placement of a final cover cap within a certain time line. Failure to comply with mandated final closure construction time lines, as set forth in Title 27 of the CCR, could subject the County to administrative civil liability fines levied by the Regional Water Quality Control Board.

SUPERVISORAL DISTRICT: Fourth

PRESENTER: Peter H. Wulfman, 386-8703

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